

$$R = Bz + A = B(z + z_0)$$

$$B_{\text{best}} = \frac{31.1 - 23.6}{360 - 310} = \frac{7.5}{50} = 0.150 \text{ grade/s}$$

$$B_{\text{max}} = \frac{31.6 - 23.2}{360 - 310} = \frac{8.4}{50} = 0.168 \text{ grade/s}$$

$$B_{\text{min}} = \frac{30.6 - 24.0}{360 - 310} = \frac{6.6}{50} = 0.132 \text{ grade/s}$$

$$B = (0.150 \pm 0.018) \text{ grade/s}$$

$$z_0 = (R/B) - z$$

$$z_{0 \text{ BEST}} = \frac{23.6}{0.150} - 310 = 157 - 310 = -153 \text{ J}$$

$$z_{0 \text{ MIN}} = \frac{23.2}{0.168} - 310 = 138 - 310 = -172 \text{ J}$$

$$z_{0 \text{ MAX}} = \frac{24.0}{0.132} - 310 = 182 - 310 = -128 \text{ J}$$

$$z_0 = (-1.5 \pm 0.2) \times 10^2 \text{ J}$$

